| Issue Classification | | | | | | | | | | | |
|----------------------|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | |

| Application No. | Applicant(s) | |
|-----------------|--------------|--|
| 10/716,989 | MAN ET AL. | |
| Examiner | Art Unit | |
| Brian P Mruk | 1751 | |

| | | 13 | SSUE (| CLASSI | FICATI | ON | | | | | | | |
|-------------------|---------------------|---------------|-----------------------------------|--|-----------|--------------------------|-------------------|-----|-----|--|--|--|--|
| OI | RIGINAL | | CROSS REFERENCE(S) | | | | | | | | | | |
| CLASS | SUBCLASS | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | | | | | | | | |
| 510 | 466 | 510 | 222 | aaa | ೩೩ಽ | วลา | 228 | 230 | 238 | | | | |
| INTERNATION | AL CLASSIFICATION | 510 | 239 | 240 | 294 | 298 | 302 | 310 | 339 | | | | |
| CIIID | 1/82 | 510 | 349 | 326 | 360 | 361 | 367 | 379 | 421 | | | | |
| $C \mid I \mid D$ | 1/825 | 510 | 434 | 435 | 439 | - 441 | 446 | 469 | 475 | | | | |
| CIIID | 9 / 36 | Slo | 478 | 533 | | | | | | | | | |
| | | 134 | 25,2 | 43 | i gaz iza | | | | | | | | |
| | | 8 | 137 | | | | | | | | | | |
| (Assist | ant Examiner) (Date | e) | Be | Nion 7. (IAN P ME | :UX(| Total Claims Allowed: 41 | | | | | | | |
| MAS Insti | runients Examiner) | 3//4 Date) | ŢΕ | MARY CXA CH CENTEI rimary Examin | 2 1700 🖫 | Prin | O.G Print Fig. | | | | | | |

| Claims renumbered in the same order as presented by applicant | | | | | | | □СРА | | ☐ T.D. | | ☐ R.1.47 | | | | | | | | |
|---|----------|-----|-------|----------|--|-------|----------|---|--------|----------|----------|-------|----------|--|-------|----------|--|-------|----------|
| Final | Original | | Final | Original | | Final | Original | | Final | Original | | Final | Original | | Final | Original | | Final | Original |
| | 1 | İ | | 31 | | 23 | 61 | 1 | | 91 | | | 121 | | | 151 | | | 181 |
| | 2 | | | 32 | | 24 | 62 | 1 | | 92 | | | 122 | | | 152 | | | 182 |
| | 3 | | | 33 | | 25 | 63 |] | | 93 | | | 123 | | | 153 | | | 183 |
| | 4 | [| | 34 | | 26 | 64 |] | | 94 | | | 124 | | | 154 | | | 184 |
| | 5 | | | 35 | | 27 | 65 | 1 | | 95 | | | 125 | | | 155 | | | 185 |
| | 6 | · [| | 36 | | 28 | 66 |] | | 96 | | | 126 | | | 156 | | | 186 |
| | 7 | | | 37 | | 29 | 67 | 1 | | 97 | | | 127 | | | 157 | | | 187 |
| | 8 | | | 38 | | 30 | 68 | | | 98 | | | 128 | | | 158 | | | 188 |
| | 9 | | Į. | 39 | | 31 | 69 | 1 | | 99 | | | 129 | | | 159 | | | 189 |
| | 10 | | a | 40 | | 32 | 70 | 1 | | 100 | | | 130 | | | 160 | | | 190 |
| | 11 | | 3 | 41 | | 33 | 71 | 1 | | 101 | | | 131 | | | 161 | | | 191 |
| | 12 | | 4 | 42 | | 34 | 72 | 1 | | 102 | | | 132 | | | 162 | | | 192 |
| | 13 | | 5 | 43 | | 35 | 73 | 1 | | 103 | | | 133 | | | 163 | | | 193 |
| | 14 | | 6 | 44 | | 36 | 74 | 1 | | 104 | ı | | 134 | | | 164 | | | 194 |
| | 15 | i t | 7 | 45 | | 37 | 75 | 1 | | 105 | | | 135 | | | 165 | | | 195 |
| | 16 | | 8 | 46 | | 38 | 76 | 1 | | 106 | | | 136 | | | 166 | | | 196 |
| | 17 | | 9 | 47 | | 39 | 77 | 1 | | 107 | | | 137 | | | 167 | | | 197 |
| | 18 | | 10 | 48 | | 40 | 78 | 1 | | 108 | | | 138 | | | 168 | | | 198 |
| | 19 | | 11 | 49 | | 41 | 79 | 1 | | 109 | | | 139 | | | 169 | | | 199 |
| | 20 | | 12 | 50 | | | 80 | 1 | | 110 | | | 140 | | | 170 | | | 200 |
| | 21 | | 13 | 51 | | | 81 | 1 | | 111 | | | 141 | | | 171 | | | 201 |
| | 22 | . t | 14 | 52 | | | 82 | 1 | | 112 | | | 142 | | | 172 | | | 202 |
| | 23 | | 15 | 53 | | | 83 | 1 | | 113 | | | 143 | | | 173 | | | 203 |
| | 24 | | 16 | 54 | | | 84 | 1 | | 114 | | | 144 | | | 174 | | | 204 |
| | 25 | | 17 | 55 | | | 85 | 1 | | 115 | | | 145 | | | 175 | | | 205 |
| | 26 | | 18 | 56 | | | 86 | 1 | | 116 | | | 146 | | | 176 | | | 206 |
| | 27 | | 19 | 57 | | | 87 | 1 | | 117 | | | 147 | | | 177 | | | 207 |
| | 28 | | 30 | 58 | | | 88 | 1 | | 118 | | | 148 | | | 178 | | | 208 |
| - | 29 | | 21 | 59 | | | 89 | 1 | | 119 | | | 149 | | | 179 | | _ | 209 |
| | 30 | | 22 | 60 | | | 90 | 1 | | 120 | | | 150 | | | 180 | | ·· | 210 |